



**राष्ट्रीय फैशन प्रौद्योगिकी संस्थान, जोधपुर, राजस्थान**  
(NATIONAL INSTITUTE OF FASHION TECHNOLOGY, JODHPUR, RAJASTHAN)

निफ्ट, जोधपुर में वाई-फाई उपकरणों की सप्लाई एवं संस्थापन हेतु ई-निविदा आमंत्रित की जाती हैं

(NOTICE INVITING E-TENDER FOR "SUPPLY & INSTALLATION & COMMISSIONING OF WI-FI DEVICE" AT NIFT CAMPUS KARWAR, JODHPUR)

Estimate Cost/value of Tender:- Rs. 35,00,000/- approximately

निविदा नम्बर / Tender No: NJ NIT/No.15483/Supply & Installation of Wi-Fi Device/58/2019

Time schedule for tender process:

निविदा अधिसूचना के वेबसाईट पर प्रकाशन की तिथि/ <b>Date of publication of tender notification on official web site</b>	18/12/2019
निविदा दस्तावेज की बिक्री से शुरू/ <b>Sale of tender document commences from</b>	18/12/2019
<b>पूर्व बोली बैठक/Pre-bid meeting</b>	26/12/2019 (10:00 AM)
निविदा प्राप्त करने की अंतिम तिथि / <b>Last date for receipt of duly filled in tenders</b>	08/01/2020 (02:00 PM)
निविदाओं के तकनीकी बिड खोलने की तारीख और समय / <b>Date and time of the opening of Technical bid of tenders</b>	08/01/2020 (3:00 PM)
निविदाओं के वित्तीय बिड खोलने की तारीख और समय / <b>Date and time of the opening of Financial bid of tenders</b>	Will be notified to the technically qualified tenders

**Note:** This tender document contains 22 pages and bidders are requested to sign on all the pages. The tender should be submitted in two separate sealed envelopes superscripted with (i) "Tender for Supply & Installation Commissioning of Wi-Fi Device - Technical Bid" and (ii) "Tender for Supply & Installation & Commissioning of Wi-Fi Device - Financial Bid". The 2 covers duly sealed(i.e. Technical Bid & Financial Bid) should thereafter be kept in third cover & sealed. This cover should also be superscribed with "Tender for Supply & Installation & Commissioning of Wi-Fi Device Tender No. **NJ NIT/No.15483/Supply & Installation of Wi-Fi Device/58/2019**" and addressed to:

**Purchase Officer**

National Institute of Fashion Technology,  
NIFT Campus, Karwar,  
Jodhpur- 342037, Rajasthan

Tender form along with EMD draft should be put in the Technical bid envelope. In case if it is submitted along with Financial Bid, the same will be rejected.

**NIFT CAMPUS, KARWAR, JODHPUR- 342037, RAJASTHAN**  
**Ph. No.: 0291 2659520, Web ID: www.nift.ac.in/jodhpur**

**1. INTRODUCTION:**

National Institute of Fashion Technology (NIFT) was set up by the Ministry of Textiles, Government of India in 1986 which has been accorded statutory status under the Act of Parliament in 2006 (NIFT Act 2006) for the promotion and development of education and research in field of Fashion Technology. NIFT provides fashion business education across the country through its network of 16 centers. It provides four years under graduate (UG) program in design and technology, two years post graduate (PG) program in design, fashion management & fashion technology and short duration education program to address the specialized needs of professional and students in the field of fashion. NIFT has its head office at New Delhi with its campuses located at Bengaluru, Bhopal, Bhubaneswar, Chennai, Gandhinagar, Hyderabad, Jodhpur, Kangra, Kannur, Kolkata, Mumbai, New Delhi, Patna, Raibareli, Shillong and Srinagar.

NIFT Jodhpur was established in 2010. NIFT, Jodhpur invites sealed tenders for NJ NIT/No.15483/Supply & Installation of Wi-Fi Device/58/2019 at NIFT Campus Karwar, Jodhpur.

**2. Submission of Bids**

- (a) The interested firms should apply online and submit their tender and the bids along with scanned copies of all the relevant certificates, documents, etc. in support of their technical & price bids – all duly signed – on the <https://nifttenders.eproc.in> from **18/12/2019 to 08/01/2020 up to 2.00 P.M.** Tender documents is also available for viewing on the “tenders” link of the NIFT website i.e. <https://nifttenders.eproc.in>
- (b) Applications to this tender will be accepted only through the online mode through the website <https://nifttenders.eproc.in>. No other mode of application will be considered & application will not be accepted. However, the firm should also submit application/document as described in clause No.2 (d)
- (c) For applying online, the Firm should get itself registered at <https://nifttenders.eproc.in> by paying
- Registration Charges of **Rs. 2000/- + Rs-360/-** (Inclusive GST) = Rs2,360/- (Two Thousand Three Hundred and Sixty Only - non-refundable).
  - Bid Processing Fee charges of **Rs.2800 +504= 3304/- (inclusive of GST)** (Three Thousand Three Hundred and Four only - non-refundable) through online payments only.
- (d) The Firm should ensure that it complies with the requirements as per works before applying for tender. Also, the interested Firms should submit a hard copy of the application submitted online with all relevant supporting documents by **08.01.2020 up to 2.00 P.M.** Non-submission of hardcopy as envisaged will lead to rejection of the tender application & no correspondence in this regards will be entertained.

- (e) The sealed hard copy of the tender shall be submitted in one big envelope superscripting **“Supply & Installation Commissioning of Wi-Fi Device at Hostel NIFT Jodhpur”** containing two separately sealed small envelopes, one for "Technical Bid " and another for "Financial Bid " superscripting as such and addressed to The Director, National Institute Of Fashion Technology, NIFT Campus, Jodhpur. The hard copies of sealed tenders documents must be dropped in the tender box kept at Reception Area NIFT Jodhpur, on or before **08/01/2020 up to 2.00.**
- (f) The technical bid envelope must contain the technical bid in prescribed Performa as per Annexure - I along with a demand draft of Earnest Money Deposit(EMD) Rs. 70000/- (Rupees Seventy Thousand Only in favoring National Institute Of Fashion Technology and payable at Jodhpur with all relevant documents in support of eligibility and experience criteria. The financial bid envelope must contain only the financial bid. The financial bid shall include all the charges including all taxes, Installation & Commissioning+ testing+ labour charges +Any other charges, etc. to complete the work in all respect. NIFT will not accept any claim other than mentioned in financial bid.

This Earnest Money Deposit (EMD) will not bear any interest. Firm should enclose Balance Sheet / IT Return for the latest year. The firm registered with DGS&D/NSIC as manufacturer for the supply of the same category of item for which the party is submitting quotation will be exempted from submission of EMD. Intended parties will have to give proof of registration along with their quotation. EMD of the unsuccessful bidders shall be refunded without any interest at the earliest after finalization of the purchase of concerned item.

- (g) The technical bid will be opened at NIFT, Jodhpur on **08/01/2020 to 3.00P.M.** in the presence of the bidders/ their authorized representatives who wish to be present. The Financial bid will be opened on the date which will be communicated to only those bidders who are found to be technically qualified after evaluation of technical bids.
- (h) The interested firms are advised to read carefully the entire tender document before submitting their tender and the tender documents not received online in prescribed format and/or are found incomplete in any respect shall be summarily rejected.
- (i) Any further clarifications can be sought from the NIFT office on Telephone No. 0291 2659520, NATIONAL INSTITUTE OF FASHION TECHNOLOGY, NIFT Campus, Jodhpur.

And **For online procedure: For More enquiries/,E-mail:- [purchase.jodhpur@nift.ac.in](mailto:purchase.jodhpur@nift.ac.in) Phone No.:- 0291-2659520**

**(j) Amendment to tender:**

At any time prior to the last date of submission of bids, NIFT may for any reason, whether at its own initiative or in response to a clarification requested by prospective bidders, modify the tender document by issuing corrigendum/addendum. Corrigendum/addendum to this tender shall be published in the site [www.nift.ac.in/jodhpur](http://www.nift.ac.in/jodhpur) & <https://nifttenders.eproc.in> Prospective bidders are advised to regularly visit the website: <https://nifttenders.eproc.in> [www.nift.ac.in/jodhpur](http://www.nift.ac.in/jodhpur) to keep track of corrigendum, if any.

**3. NOTICE INVITING TENDER**

The NIFT Jodhpur invites sealed tenders under "TWO BID SYSTEM" are invited from reputed suppliers of good standards for selection of a supplier for the purpose of Supply & Installation & Commissioning of Wi-Fi Device at Hostel NIFT Jodhpur the name of the centre Jodhpur.

The details of the tender are given below:-

- a. Description of Services: selection of a supplier for the purpose of Supply & Installation & Commissioning of Wi-Fi Device at Hostel NIFT Jodhpur Closing date & time for submission of bids:
- b. Date & time of opening of Bid:
  - i. Technical bid: in presence of the tenderers or their authorized representatives.
  - ii. Financial bid : After evaluation of Technical Bid
  - iii. Bid validity upto: The rate quoted in the price bid must be inclusive of all taxes and F.O.R. NIFT Office premises and these rates will be valid for 60 days from the date of opening of tender document.

Correspondence Address : Director, National Institute of Fashion Technology, NIFT Campus, Karwar, Jodhpur-342037, Rajasthan, India.

"TWO BIDS SYSTEM" shall be followed for this tender. Tenderer should take due care to submit the tender in accordance with requirement in sealed covers. Bids received shall be evaluated as per the Criteria prescribed in the tender document. NIFT will not entertain any modifications subsequent to opening of bids and bids not conforming to tender conditions shall be liable to be rejected. Therefore, bidders are advised to submit their bids complete in all respects as per requirement of tender document specifying their acceptance to all the clauses of Bid Evaluation Criteria, General terms and conditions and compliance to the Scope of Work requirement etc.

The EMD draft should be kept in the Technical Bid Cover. The Technical bid and the financial bid should be sealed by the tenderer in separate covers duly super scribed as “Technical Bid” and “Financial Bid” respectively. Both these sealed covers should then be kept in a bigger cover which should also be sealed & duly super scribed as „Tender for Supply & Installation & Commissioning of Wi-Fi Device at Hostel NIFT Jodhpur.

The EMD of the successful bidder shall be returned after the successful execution of contract / order and for unsuccessful bidder(s) it would be returned after award of the contract. Bid(s) received without demand drafts of EMD shall be liable for rejection.

No interest shall accrue on this EMD amount deposited. However, the EMD will be forfeited in following cases:

- a. If selected bidder does not supply the materials.
- b. If selected bidder supplies sub-standard materials.

The firms who are registered with National Small Industries Corporation (NSIC) / OR Small Scale Industrial (SSI) are exempted to submit the EMD (Copy of registration must be provided along with).

**4. INSTRUCTIONS TO TENDERERS: The tenderers are requested to follow the below mentioned instructions:**

1. Offers on original tender document will only be considered. Offers submitted by fax or in any manner other than specified above shall not be considered. The bids shall exactly be according to the prescribed formats. Modifications/Rewording of formats shall not be acceptable.
2. All documentations are required to be submitted in Hindi/English.
3. Tender should be filled with neat legible and correct entries. Indistinct figures, erasures and alterations are not permitted in the tender.
4. Failure to comply with these conditions will result in forfeiting of the tender. Please cross out any mistakes and rewrite the same and counter sign.
5. Incomplete tenders, amendments and additions to tender after opening and tenders submitted after due date shall liable to be ignored.
6. Cost involved in submitting the bids, attending the tender opening meeting, arrangements for the demonstration /presentation etc. shall be borne by the bidder.
7. Tender shall be accompanied by the relevant documents including the following:-
  - a- The Firm should have all the necessary registrations of the Govt. under

the Shops and Establishment Act, PAN Number, GST Registration (enclose the documents)

- b- Manufacturer's Authorization Letter as per Attached sheet, Without MAF tender will be rejected.
- c- All the Active items are from same OEM
- d- All the Passive items are from same OEM
- e- The bidder should have similar experience in selling, installation & commissioning of Wi-Fi equipments in last three year (PO/detail of experience should be enclosed
- f- with technical bid 50 lakhs each in last three financial years 2016-17 , 2017-18 and 2018-19(Audited/Unaudited)

OR

01 Single order of Rs. 10 lakh for supplying the items requested in the tender to the Govt.Organization/Reputed Organization (Proof thereof should be submitted) (Proof thereof should be submitted)

- g- Income Tax Return for the last three Financial Years  
i.e.,2016-17 & 2017-18 & 2018-19(Proof thereof should be submitted)
- h- Illustrated pamphlets containing all the Technical Details, Specification of the tendered items should be sent along with the tender.

8. No tenderer shall be allowed to withdraw the tender rates after opening of the tender. If any tenderer withdraws the rates the EMD amount deposited by him shall be forfeited and he shall be disqualified from participating in any future tender of the Institute.
9. No interest shall be paid on the EMD and the EMD shall be forfeited in case the selected/successful bidder does not accept the W.O. or unable to supply goods.
10. The Tenderer should provide warranty/guarantee and free service for a period of minimum three year from the date of installation.
11. Rates should be offered unconditionally and if rates are submitted with any condition the tender shall be rejected.
12. The defective goods shall be replaced by the agency without any additional charge during guarantee period of supplied goods. The replacement shall have to be carried out within 7 days of the intimation being received from the Institute.
13. Tenderer shall have to quote item wise rates, consolidated rates shall not be considered and tender shall be liable to be rejected out rightly.
14. NIFT Jodhpur reserves the right to change the quantity/ upgrade the criteria/ drop any item or part thereof/extension of delivery date at any time before placing the purchase order.
15. NIFT Jodhpur may increase/decrease total no. of above mentioned articles/goods if required.

**5. TERMS AND CONDITIONS:**

- a) **Validity of the Offer:** The offer should be valid for three months from the date of opening of Financial Bid; it can be further extended for the period of three months.
- b) **Right of Acceptance:** NIFT does not bind itself to accept the lowest tender. Even after qualifying in technical bid, the financial bid may not be accepted if found not in order at the sole discretion of NIFT.
- c) **Delivery:** The items(**Supply & Installation of Wi-Fi Device at Hostel NIFT Jodhpur**) should be delivered, placed, installed and commissioned at NIFT Campus, (NIFT Campus, Karwar, Jodhpur- 342037, Rajasthan, India.) within a period of 45 days from date of issue of letter of award.

If the tenderer fails to supply the ordered quantity within the stipulated time period/ supplies sub-standard item, liquidated damages equivalent to 0.5 (Half) per cent of the prices of any portion of stores delivered late, for each week or part thereof of delay. The total damages shall not exceed 10 (Ten) per cent of the value of delayed goods.

- d) **Responsibilities:** The furniture items supplied should be brand new furniture and should be installed/commissioned at the locations specified by NIFT at no extra cost to NIFT. NIFT is not bound to provide any mode of transport in respect of men or material required for the contract.
- e) If any malafide intention is observed by NIFT, the agency shall not be eligible for further tenders.
- f) **Warranty/Guarantee:** Tender should give minimum three-year warranty/guarantee and free service from the date of supply.
- g) It is the responsibility of Bidders to read all terms & conditions of this tender carefully before filling the tender. Incomplete tender documents / or bids not responsive enough to the tender terms shall be rejected. NIFT reserves the right to split or reject any or all the tenders without assigning any reason thereof. NIFT shall not be responsible for any postal delays.
- h) Any vagueness/incomplete details in the offer shall make it liable to be rejected as such shortcomings in the offer shall be interpreted as incompetence and disinterest on the part of the bidder to meet tender requirements.
- i) NIFT is not bound to accept the tender quoting the least in the financial bid. . NIFT reserves the right to place order for a part of the quantity offered. The rates quoted by the bidder shall be valid for any such part order.
- j) **Prices:** The vendors are required to quote as per “Annexure II” (Financial Bid).The Bidder shall quote the rates in figures as well as words. The figures should be clearly written and there should be no overwriting. The rates quoted shall include the cost of material, installation, labour, T&P etc, as required for the completion of work. The quoted rates shall be inclusive of all taxes, duties, Goods and Service Tax (GST) etc. as applicable and no extra shall be payable on this account.

**k) Payment Terms:** No payment shall be made in advance.

Full Payment shall be released after the successful installation of the ordered goods against the submission of the Inspection report/Verifications/installation report & acceptance by NIFT Jodhpur, In case of any delayed payments to the vendor due to unforeseen reasons, no interest or payment over and above the payment due will be made by NIFT to the vendor.

TDS as per rule shall be deducted from the bills of the contractor. The agency must enclose copy of PAN No. supported by copy of PAN Card of the company.

**l) Signing of Tender:** The individual signing the tender (or the documents in connection with it) must specify whether he/she is signing as:-

- 1) A sole proprietor of the firm, or constituted attorney of such a proprietor.
- 2) A partner of the firm, if it be a partnership, in which case he/she must have the authority to refer to arbitration, disputes if any, concerning the business of the partnership. Either by virtue of the partnership agreement or power of attorney.
- 3) Authorized signatory of the firm, if it is a company (a letter of the authority in this respect must be enclosed along with the bid).
- 4) A person signing the tender form or any part thereof, on behalf of another, shall be deemed to warrant that he/she has the authority to bind the other and if on inquiry it appears that the person so signing has no authority do to so, NIFT may without prejudice to other Civil and Criminal remedies, cancel the contract and hold the signatory liable for all costs and damages.

Each page of the tender form, agreement for purchase and agreement for Supply, Installation and Commissioning should be signed and stamped for the purpose of the tender offer.

**m) General:** NIFT reserves the right for any reduction/increase in the scope of work if so desired and the same shall be informed to the vendor at the same Unit Rate mentioned in their bid.

**n) Jurisdiction:** All disputes shall be subject to NIFT Jodhpur Jurisdiction only. In case of any dispute raised by the supplier, a representation will be made only by the authorized representative of the supplier and the decision of the Director NIFT Jodhpur will be binding on the supplier.

**o) The vendor/representative of company may visit the site(NIFT Jodhpur) and understand the scope of work completely before participating in the tender process and seek clarifications if so desired.**

**p) Performance Security:** The successful tenderer will be required to furnish a Performance Security Deposit as per GFR 2017:- 5% to 10% of contract value after receiving Notification of Award in the form of Demand draft from any Nationalized Bank duly pledged in the name of the "**National Institute of Fashion Technology, Jodhpur**" which shall be kept valid for a period of 60 days beyond the date of completion of all the contractual obligations of the supplier including warranty obligations.

**q) National Institute of Fashion Technology reserves the right to accept in part or in full or reject any or more quotation(s) without assigning any reasons or cancel the tendering process and reject all quotations at any time prior to award of contract, without incurring any liability, whatsoever to the affected bidder or bidder(s) and is**



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not bound to accept the lowest evaluated bid since due weightage shall be given to several factors besides the commercial bid and decision of NIFT to that effect shall be final & binding.

**Bank Details for EMD (to be attached with the Tender Document):**

EMD Amount	Rs.....
In Favour of & payable at	NIFT payable at Jodhpur
DD No. & Date Drawn on	
Name of the Bank	

Last Date of submission of Tender (Online and hard copy of the tender)  
08/01/2020, 2:00 PM

**Note:-**

Tenders not accompanied with above information & documents in support of the same may be summarily rejected.

(Name & Signature of the tenderer with seal)

**Bank Details for EMD Return(to be attached with the Tender Document):**

<b>Name of Beneficiary</b>	
<b>Account type of Beneficiary</b>	
<b>Name of bank, address, Contact No.</b>	
<b>Bank A/c. No. of Beneficiary</b>	
<b>Beneficiary Banker IFSC code No.</b>	
<b>Beneficiary Banker MICR code No.</b>	
<b>Beneficiary Address, Contact No., Email ID, (If any)</b>	

(Name & Signature of the tenderer with seal)

**TECHNICAL BID**

<b>Sl. No</b>	<b>Particulars</b>	<b>Mention "Yes" or "No"</b>
1	Whether „Technical“ & „Price“ bids submitted separately and the respective envelopes superscribed Properly.	
2	Whether Demand Draft of _____/-(Rupees _____ only) in favour of NIFT _____ is enclosed as EMD with the tender submitted.	
3	Shop and Establishment(Proof thereof should be submitted)	
4	Copy of PAN of the company/firm. (Proof thereof should be submitted)	
5	Copy of GST of the company/firm. (Proof thereof should be submitted)	
6	Whether agreed to abide by all the terms & conditions of this tender	
7	50 lakhs each in last three financial years 2016-17 , 2017-18 and 2018-19(Audited/Unaudited) OR 01 Single order of Rs. 10 lakh for supplying the items requested in the tender to the Govt. Organization/Reputed Organization (Proof thereof should be submitted) (Proof thereof should be submitted)	
8	Income Tax Return for the last three Financial Years i.e., 2016-17 & 2017-18 & 2018-19(Proof thereof should be submitted)	
9	Manufacturer's Authorization Letter as per Attached sheet, Without MAF tender will be rejected.	
10	The bidder should have similar experience in selling, installation & commissioning of Wi-Fi equipments in last three year (PO/detail of experience should be enclosed with technical bid)	
11	Illustrated pamphlets containing all the Technical Details, Specification of the tendered items should be sent along with the tender	

All above enclosures must be valid (wherever applicable)

(Name & Signature of the tenderer with seal)

Date:

Place

**UNDERTAKING**

I/We

.....S/o.....R/o.....  
.....local address Permanent address) solemnly  
state that I/We have not so far been black listed by any of the institutions/ office.

(Name & Signature of the tenderer with seal)

Date:

Place:

PART – I TECHNICAL BID

FORMAT FOR MANUFACTURER’S AUTHORISATION LETTER TO AGENT (on letterhead)

Ref. No.  
Date:

To,

The Purchase Officer  
NIFT Jodhpur  
NH-65, Nagaur Road,  
Jodhpur-342037.

Sub.: Authorization

Letter. Dear Sir,

We, \_\_\_\_\_, who are established and reputed manufacturers of \_\_\_\_\_, having factory at \_\_\_\_\_, hereby authorize M/s. \_\_\_\_\_ (name & address of Indian distributor /agent) to bid, negotiate and conclude the order with you for the above goods manufactured by us. We shall remain responsible for the tender / contract / agreement negotiated by the said M/s. \_\_\_\_\_, jointly and severely.

We ensure that we would also support / facilitate the M/s.....\_on regular basis with technology / product updates for up-gradation / maintains / repairing / servicing of the supplied goods manufactured by us, during the warranty period. In case duties of the Indian agent / distributor are changed or agent / distributor is changed it shall be obligatory on us to automatically transfer all the duties and obligations to the new Indian Agent failing which we will ipso-facto become liable for all acts of commission or omission on the part of new Indian Agent / distributor.

Yours faithfully,

[Name & Signature]

for and on behalf of M/s. \_\_\_\_\_ [Name of manufacturer] Note: This letter of authorisation should be on the letterhead of the manufacturing concern and should be signed by a person competent and having the power of attorney to bind the manufacturer. A copy of notarised power of attorney should also be furnished. Only manufacturer(s) or their sole authorized distributor / agent are eligible to bid. Authorization letter in the prescribed format from Original Equipment Manufacturer (OEM) in favour of authorized Agent to bid / negotiate / conclude the order against this tender, must be enclosed with technical bid.

## Annexure - A

**L2 Switch, 24x1G Copper PoE Port with 4x1G SFP with Accessories (Qty =4 Nos)**

<b>Specification</b>	
<b>Type of Switch</b>	Managed
<b>Technology</b>	PoE+
<b>Number of 1G Copper Ports</b>	24
<b>No. of 10 G SFP+ Port (Uplink)</b>	2
<b>Console Port</b>	Available
<b>Switching Capacity -Non Blocking (Gbps)</b>	216
<b>Throughput (MPPS)</b>	95.2
<b>Operating System</b>	available
<b>Dedicated Stacking Port/Slot ( from day one)</b>	available
<b>Stacking Bandwidth (Gbps)</b>	80
<b>Basic Layer-3 Protocol</b>	PIM,OSFP&PBR frmday1
<b>Security Feature</b>	EAL/NDPP
<b>Management Protocol</b>	SSHv2, SNMPv2c
<b>QoS</b>	8 egress queue/port
<b>Operating Temperature Range (Degree C)</b>	-5°C to +45°C
<b>Operating Humidity (RH)(%)</b>	10% to 90%

<b>IPv6 Ready from day one and dully certified</b>	Yes
<b>PoE Power Budget ( Watt )</b>	370
<b>on Site OEM Warranty</b>	3

**L2 Switch, 24x1G Copper none PoE Port with 4x1G SFP (Qty = 2 Nos.)**

**Specification**

<b>Type of Switch</b>	Managed
<b>Technology</b>	Non PoE
<b>Number of 1G Copper Ports</b>	24
<b>Number of 10G Copper Ports</b>	0
<b>No. of 1 G SFP Port (Uplink)</b>	4
<b>No. of 10 G SFP+ Port (Uplink)</b>	0
<b>Multi-Gigabit Support</b>	No
<b>Redundant Power supply ( from day one)</b>	Not available
<b>Console Port</b>	Available
<b>Switching Capacity -Non Blocking (Gbps)</b>	216
<b>Throughput (MPPS)</b>	71.4
<b>Operating System</b>	available
<b>Dedicated Stacking Port/Slot ( from day one)</b>	Supported
<b>Stacking Bandwidth (Gbps)</b>	80
<b>Basic Layer-3 Protocol</b>	Static IP routing, RIPv1 and RIPv2
<b>Security Feature</b>	IPv6 First-Hop Security,Port

	Security,Access Control BPDU Guard,TACACS+&RADIUS authentication,STRG
<b>Management Protocol</b>	Telnet, SSH, SNMP (v1, 2c and 3), NTP, TFTP.
<b>QoS</b>	SRR scheduling&WTD congestion avoidance, Flow-based rate limiting,Cross-stack QoS Cisco CIR
<b>Operating Temperature Range (Degree C)</b>	-5°C to 45°C
<b>Operating Humidity (RH)(%)</b>	10% to 95%
<b>IPv6 Ready from day one and dully certified</b>	Yes
<b>PoE Power Budget ( Watt )</b>	0
<b>on Site OEM Warranty</b>	5

**L2 Switch, 8x1G Copper PoE Switch with 2x1G SFP Combo Uplink Port Qty= 3 Nos)**

**Specification**

<b>Type of Switch</b>	Managed
<b>Technology</b>	PoE+
<b>Number of 1G Copper Ports</b>	8
<b>No. of 1 G SFP Port (Uplink)</b>	2
<b>Redundant Power supply ( from day one)</b>	Supported
<b>Console Port</b>	Available
<b>Switching Capacity -Non Blocking (Gbps)</b>	32
<b>Throughput (MPPS)</b>	17.9



<b>Operating System</b>	available
<b>Dedicated Stacking Port/Slot (from day one)</b>	available
<b>Basic Layer-3 Protocol</b>	PIM, PBR, RIPv1 and RIPv2
<b>Security Feature</b>	Port Security, Dynamic ARP Inspection (DAI), and IP Source Guard, TACACS+, RADIUS,ACLs, BPDU,SSH, Kerberos,
<b>Management Protocol</b>	SNMPv3, NTP, TFTP
<b>QoS</b>	SRR,WTD,Cross Stack QoS, CIR,Rate Limiting
<b>Operating Temperature Range (Degree C)</b>	-5C to 40C
<b>Operating Humidity (RH)(%)</b>	10% -95%
<b>IPv6 Ready from day one and dully certified</b>	Yes
<b>PoE Power Budget ( Watt )</b>	240
<b>on Site OEM Warranty</b>	3

**Indoor Access Point with PoE enabled (Qty= 60 Nos)**

**Specification**

<b>Deployment</b>	Indoor
<b>Mounting</b>	Ceiling
<b>Antenna Type</b>	Internal
<b>Number Of Radios</b>	Dual
<b>Frequency Band</b>	2.4 GHz & 5.0 GHz
<b>Supported Wi-fi Standards</b>	802.11a,802.11b/g,802.11 b/g/n,802.11ac,802.11 a/b/g/n/ac,802.11ac Wave 1,802.11ac Wave 2

<b>Max Wireless Signal Range im Mts</b>	Subjected to end devices (Client)
<b>Channel Width (MHz)</b>	160
<b>Maximum Data Rate MBps</b>	5200
<b>Supported Encryption</b>	WEP, WPA-PSK, WPA-TKIP, WPA2 AES, 802.11i, EAP-TLS.
<b>Dedicated Console Port</b>	Available
<b>Receiver Sensitivity in db</b>	-101
<b>Transmit power (tx)(dBm)</b>	23
<b>Radio Resource Management such for power channel,coverage hole detection and performance optimization</b>	Available
<b>Support for Load Balancing between 2-4 Ghz and 5 Ghz</b>	Available
<b>Support for Configurable Carrier Threshold</b>	Available
<b>Device Management</b>	Web-based Configuration Interface (GUI)
<b>Support for QoS for Voice over Wireless</b>	Available
<b>Support for MU-MIMO</b>	Available
<b>Number of MIMO supported &amp; Spatial Streams</b>	4 X 4 :3
<b>Number of WLAN (SSID) per AP</b>	16
<b>Maximum clients Nos</b>	400
<b>Support for Autonomous access-point option</b>	Available
<b>USB Ports</b>	Available
<b>Number of 10/100/1000 port</b>	2
<b>Support for Beam forming</b>	Available

<b>Operate as a sensor for wireless IPS</b>	Available
<b>Support for QoS and Video Call Admission Control capabilities</b>	Available
<b>Support for Rogue access point detection</b>	Available
<b>Support for Wireless Intrusion Protection System</b>	Available
<b>WPC certified</b>	Yes
<b>Wi-Fi CERTIFIED</b>	Yes
<b>Support non-Wi-Fi detection for off-channel rogues and Containment for both radio while serving the client simultaneously</b>	Available
<b>Powering options (Such as AC/DC, 802/3af PoE, 802/3at PoE+), specify</b>	802.3af PoE,802.3bt UPoEF
<b>Power POE (Watt)</b>	26.5
<b>Operating Temperature Range (Degree C)</b>	0 to 40°C
<b>Operating Humidity (%RH)</b>	90
<b>Dimension (mm x mm x mm)</b>	219.9 x 220.4 x 55.1
<b>Weight (grams)</b>	1600
<b>On Site OEM Warranty (Years)</b>	3

**Annexure - B**

**1Gig single port OFC SFP Transceiver (Qty=11 Nos.)**

<b>Sr. No.</b>	<b>Specification</b>	<b>Compliance (yes/no)</b>
1	1G SFP Module	
2	Switch , AP & Module from same OEM	

**Passive Items**

<b>Sr. No.</b>	<b>Specification</b>	<b>Compliance (yes/no)</b>
1	Cat 6(305 mtr each), UTP Cable - 4Pair (Qty=6 Box)	
2	SMB With Face Plate( Qty= 60 Nos.)	
3	Cat6 I/O(Qty=130 Nos.)	
4	24 Port Jack panel Cat6 (Qty= 08 Nos.)	
5	UTP Cat 6 Patch Cord 1 Mtr (Qty= 130)	

<b>Sr. No.</b>	<b>Specification</b>	<b>Compliance (yes/no)</b>
1	Rack -6U, 600x600 with accessories(Qty=8 Nos.)	

**PERFORMA OF FINANCIAL BID:**

S. No.	Items/Description	Qty	Unit	Make	Rate Per Unit (In Rs)	GST (in Rs.)	Total in Rs.
	<u>Active Item</u> <u>As per Annexure- (A)</u>						
1	2	3	4	5	6	7	8=3*(6+7)
1	L2 Switch, 24x1G Copper PoE Port with 4x1G SFP with Accessories	4	Nos				
2	L2 Switch, 24x1G Copper none PoE Port with 4x1G SFP	2	Nos				
3	L2 Switch, 8x1G Copper PoE Switch with 2x1G SFP Combo Uplink Port	3	Nos				
4	Indoor Access Point with PoE enabled	60	Nos				
<b>1Gig single port OFC SFP Transceiver</b>							
1	1Gig single port OFC SFP Transceiver	11	Nos				
<b>Passive items As per Annexure - (B)</b>							
2	Cat 6(305 mtr each), UTP Cable - 4Pair	6	Box				
3	SMB With Face Plate	60	Nos				
4	Cat6 I/O	130	Nos				
5	24 Port Jack panel Cat6	8	Nos				
6	UTP Cat 6 Patch Cord 1 mtr	130	Nos				
7	Rack -6U, 600x600 with accessories	8	Nos				
<b>Grand Total in Rs. [Including (Installation &amp; Commissioning+ testing+ labour charges +Any other charges)]</b>							
<b>(Grand Total Rupees in words.....)</b>							

**[Including(Installation & Commissioning+ testing+ labour charges +Any other charges)]**

**Please Note:-**

1. L-1 will be decided on the basis of Grand total of goods. No other charges will be paid except the Grand total amount quoted.
2. The above payment will be treated as full and final GST may be shown in the bill and indicate GST No. of NIFT Jodhpur (GST NO.08AAATN2067J1ZG) on bill.
3. The rates are inclusive of **(Installation & Commissioning+ testing+ labour charges +Any other charges)** of goods & F.O.R. at NIFT Jodhpur.
4. All columns must be filled.
5. Conditional bid will be treated as unresponsive and are liable to be rejected.
6. Items quoted must be as per the specifications given. The quotes should be in the given format only. No deviation in format will be acceptable.

Signature of Tenderer with date & address

Date:-  
Place:-